PTO/SB/05 (06-03)

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		TILITY	Attorney Do		P06388U			
PATENT APPLICATION			First Invento	or	VANDE HAAR, Evan R.			
TRANSMITTAL			Title		Method ar	nd Apparatu	s for Spin	ning
(Only for ne	w nonprovisional	applications under 37 CFR 1.53(b))	Express Ma	ail Label No.	EV 33062	2506 US		
		ON ELEMENTS ning utility patent application contents.	ADDRES	S TO:	Commission P.O. Box 145	ent Application or for Patents 0 A 22313-1450	n	U.S. PT 5018
2. Submit a Applicar See 37 (Specification (preferred - Descrip - Cross R - Statem - Referer or a con - Backgro - Brief St - Brief St - Detailet - Claim(s	an original and a control claims small of the control carbon addition and arrangement sentive title of the invertence to Relaent Regarding Femole to sequence imputer program libound of the Inventrange of the Inventral carbon of the Control carbon of the Control carbon of the Control carbon and arranged and arranged and arranged and arranged arranged and arranged arrange	[Total Pages 15] It forth below) vention ted Applications d sponsored R & D isting, a table, sting appendix tion vention brawings (if filed)	8. Nucleo (if appli a. b. i. c.	Specificati CD-li Paper Statemen	ram (Appendimino Acid Selessary) Reader Formion Sequence ROM or CD-ler ts verifying id	quence Subin (CRF) Listing on: (2 copies); LICATION	or ve copies I PARTS	17548
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4] 5. Oath or Declaration [Total Sheets 3] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76			9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:								
Continuation Divisional Continuation-in-part (CIP) of prior application No.:								
19. CORRESPONDENCE ADDRESS								
Customer Number: 27139 OR Correspondence address below								
Name								
Address								
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Country		7	elephone			Fax		

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Name (Print/Type)

Signature

Michael G. Voorhees

Registration No. (Attorney/Agent)

25,715

November 17, 2003

Date

Express Mail Label No. EV 330622506 US

PTO/SB/17 (10-03)

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FEE	TRA	AN:	SMI	TT	4L
	for I	EY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	856.	.00

Complete if Known			
Application Number			
Filing Date	November 17, 2003		
First Named Inventor	VANDE HAAR,Evan R.		
Examiner Name			
Art Unit			
Attorney Docket No.	P06388US00		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES				
Deposit Account:	Large Entity Small Entity				
Deposit Account 26-0084	Fee Fee Fee Fee Description Code (\$)	Fee Paid			
Number	1051 130 2051 65 Surcharge - late filing fee or oath				
Deposit Account McKee, Voorhees & Sease	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet				
Name The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification				
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamina	tion			
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action				
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month				
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month				
Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month				
Fee Fee Fee Fee Pee Paid Fee Paid Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month				
1002 340 2002 170 Design filing fee 770.00	1401 330 2401 165 Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	g			
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional	<u> </u>			
Fee from	1501 1,330 2501 665 Utility issue fee (or reissue)				
Extra Claims below Fee Paid Total Claims 15 -20** = X - = -	1502 480 2502 240 Design issue fee				
Independent 4 3** - 1 × 86 - 96	1503 640 2503 320 Plant issue fee				
Claims -3 = [1460 130 1460 130 Petitions to the Commissioner				
Large Entity Small Entity	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)				
Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Str	nt -			
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021 40 8021 40 Recording each patent assignment per property (times number of properties)				
1201 86 2201 43 Independent claims in excess of 3	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RC	E)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 86.00	Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0				
		لحجيب			

SUBMITTED BY				(Complete (if applicable))		
Name (Print/Type)	Michael G. Voorhees	Registration No. (Attorney/Agent)	25,715	Telephone 515-288-3667		
Signature	Michael & Course			Date	November 17, 2003	

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